

REMARKS/ARGUMENTS

The drawings have been amended to correct reference numerals in certain of the drawings. No new matter has been added. Amendments have also been made to correct several typographical errors in the specification. No new matter has been added.

Applicant gratefully acknowledges the indication that claims 14-31 stand allowed. Note that claims 16, 20, 24-25, 29 and 30 have been amended to correct antecedent basis issues.

Pending claims 1, 2, 6, 7 and 11 stand rejected under 35 U.S.C. §102(a) over U.S. Patent No. 6,545,534 (Mehr). Applicant respectfully traverses the rejection. Claim 1 has been amended to include the subject matter of claim 4, indicated to include allowable subject matter. Thus it is respectfully submitted that claim 1 and the claims depending therefrom are patentable.

As to claim 11, Mehr nowhere teaches a capacitor coupled to an output of an operational transconductance amplifier (OTA) so as to reflect an inductor at an input of the OTA. In this regard, there is absolutely no teaching or disclosure in Mehr that any capacitor of its circuit reflects an inductor at the input of the OTA. Accordingly, claim 11 is patentable.

Pending claim 32 stands rejected under 35 U.S.C. §103(a) over Mehr in view of U.S. Patent No. 6,823,292 (Spencer). Applicant respectfully traverses the rejection, as claim 32 has been amended to recite that the compensation resistance comprises a compensation resistor having a value inversely proportional to a product of a capacitance value and a tangent of a phase-shift at a predetermined compensation frequency. Accordingly, claim 32 is patentable.

New dependent claims 37 and 38 are patentable at least for the same reasons as claim 11 from which they depend.

In view of these remarks, the application is now in condition for allowance and the Examiner's prompt action in accordance therewith is respectfully requested. The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 20-1504.

Respectfully submitted,



Mark J. Rozman

Registration No. 42,117
TROP, PRUNER & HU, P.C.
8554 Katy Freeway, Suite 100
Houston, Texas 77024-1805
(512) 418-9944 [Phone]
(713) 468-8883 [Fax]
Customer No.: 21906

Date: November 30, 2005

Amendments to the Drawings:

The attached sheets of drawings include changes to FIGS. 1A, 2A, 4A, 4B and 4C. These sheets, which include FIGS. 1A, 1B, 2A, 2B, 4A, 4B, 4C, 4D, and 6, replace the original sheets including FIGS. 1A, 2A, 4A, 4B and 4C.

Attachment: 3 Replacement Sheets